

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH2004/000134

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61L24/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, INSPEC, BIOSIS, COMPENDEX, WPI Data, PAJ, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/120351 A1 (REY CHRISTIAN ET AL) 26 June 2003 (2003-06-26)	1,2,4-6, 13-17, 21-23, 26-28, 37-47, 51,52, 56-59
Y	paragraphs '0012! - '0021! paragraphs '0032! - '0034! paragraphs '0046! - '0052! paragraphs '0055! - '0064! claims ----- -/--	1-54, 56-59

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

° Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

10 November 2004

Date of mailing of the international search report

26/11/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 639 366 A (KINGSTAR TECHNOLOGY LIMITED UK) 22 February 1995 (1995-02-22) page 2, line 29 - line 35 page 3, line 16 - line 35 claims -----	1-4, 12, 24-28, 54, 56, 57, 59
X	US 2003/199615 A1 (CHAPUT CYRIL ET AL) 23 October 2003 (2003-10-23) paragraph '0141! claims -----	1-7, 12, 13, 21-23, 26-28, 30-32, 34, 37-39, 44-47, 56-59
X	US 5 782 971 A (CONSTANTZ BRENT R ET AL) 21 July 1998 (1998-07-21) column 2, line 60 - column 3, line 20 column 5, line 57 - column 6, line 20 claims -----	1, 2, 4-6, 12-20, 26-28, 44, 46, 47, 56, 57, 59
Y	WO 2004/000374 A (ROBERT MATHYS STIFTUNG DR H C ; BOHNER MARC (CH)) 31 December 2003 (2003-12-31) the whole document -----	1-54, 56-59
X	GBURECK U ET AL: "Mechanical activation and cement formation of beta-tricalcium phosphate" BIOMATERIALS, ELSEVIER SCIENCE PUBLISHERS BV., BARKING, GB, vol. 24, no. 23, October 2003 (2003-10), pages 4123-4131, XP004436346 ISSN: 0142-9612 abstract -----	1-3, 5, 6, 12-15, 24-29, 54, 56, 57, 59
Y	page 4124, left-hand column, line 15 - line 34 page 4124, right-hand column, line 15 - line 24 page 4130, left-hand column, line 32 - right-hand column, line 5 figure 5 table 3 -----	1-54, 56-59
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SERRAJ SIHAM ET AL: "Effect on composition of dry mechanical grinding of calcium phosphate mixtures" JOURNAL OF BIOMEDICAL MATERIALS RESEARCH, vol. 55, no. 4, 15 June 2001 (2001-06-15), pages 566-575, XP002304973 ISSN: 0021-9304	1,2,4-6, 26,27, 56,57,59
Y	abstract page 567, left-hand column, line 46 - right-hand column, line 10 page 568, left-hand column, line 5 - line 8 page 568, right-hand column, line 12 - line 15 page 569, right-hand column, line 1 - line 7 page 574, left-hand column, line 35 - line 52 table 1 -----	1-54, 56-59

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 55
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2003120351 A1	26-06-2003	US 2003135283 A1 WO 03057137 A2 CA 2470295 A1 EP 1465556 A2 WO 03057086 A2	17-07-2003 17-07-2003 17-07-2003 13-10-2004 17-07-2003
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